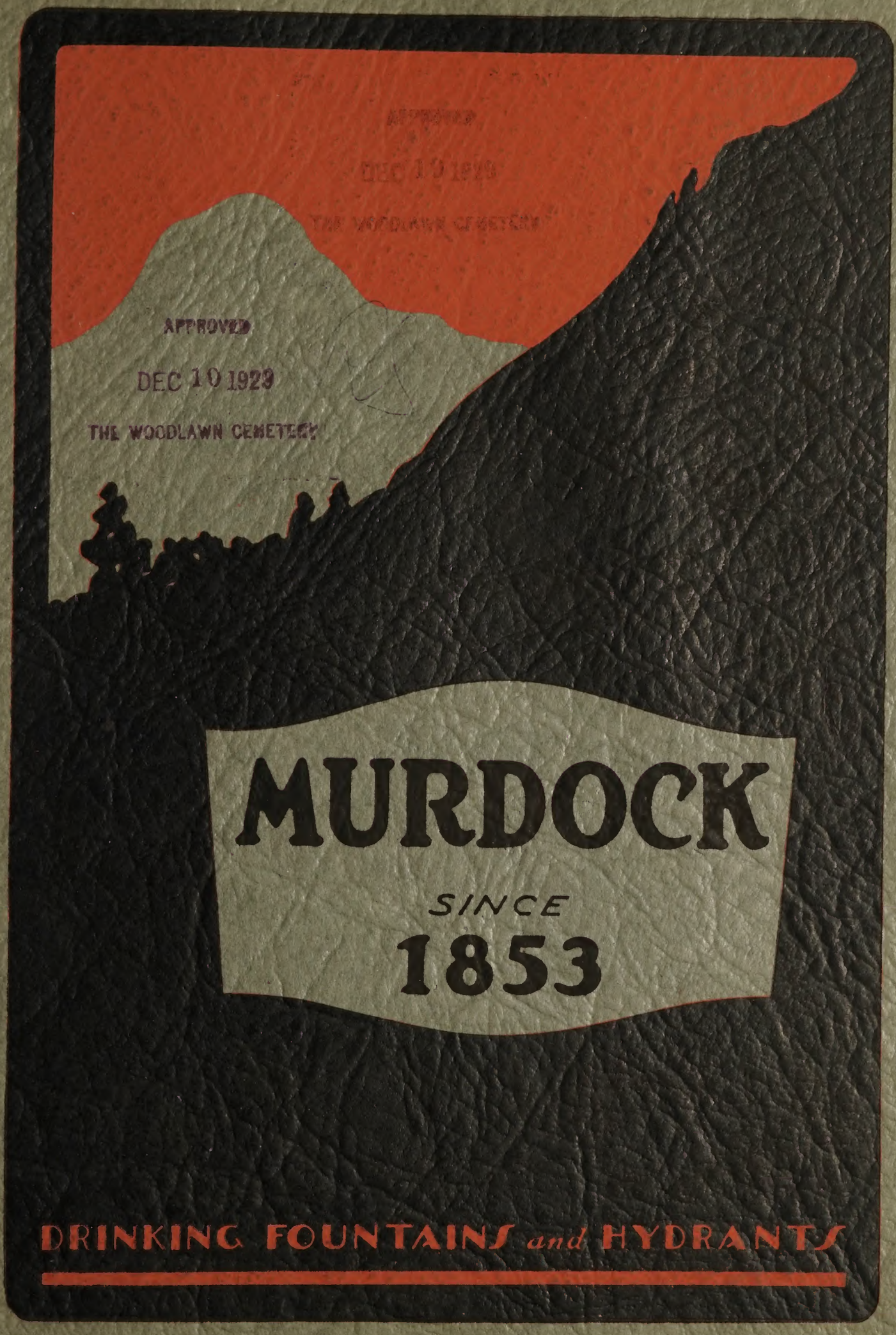


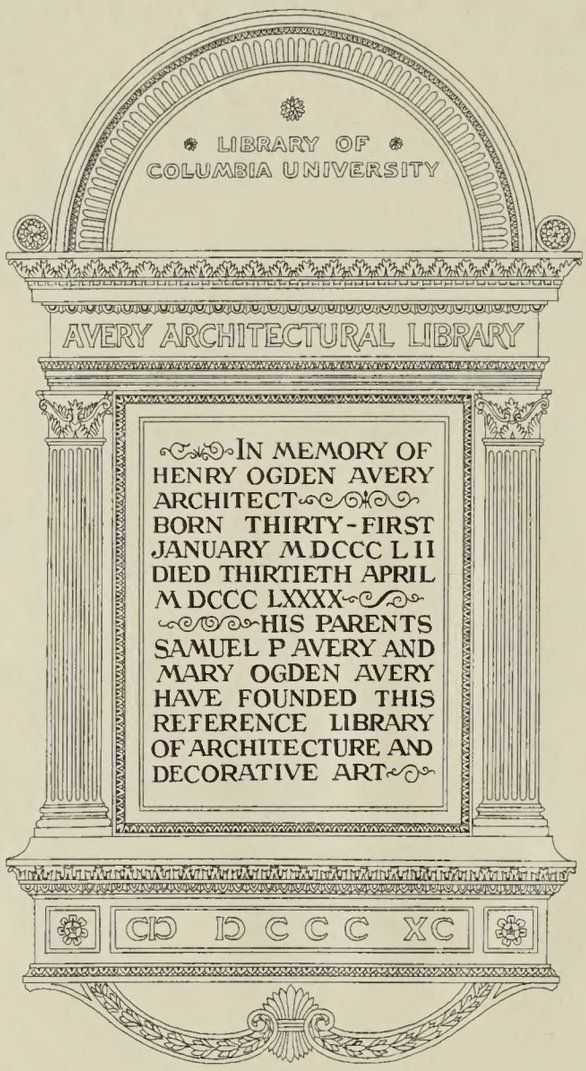
MURDOCK

SINCE

1853

DRINKING FOUNTAINS *and* HYDRANTS

AVERY
CLASSICS
AT
1740
M94
1929



CATALOGUE

No. 107

CONTENTS

HYDRANTS

STREET WASHERS

LAWN HOSE BOX

STOP AND WASTE BOXES

DRINKING FOUNTAINS

DRINKING FIXTURES

COOLER FOUNTAINS

APPROVED
DEC 10 1929
THE WOODLAWN CEMETERY

APPROVED
DEC 10 1929
THE WOODLAWN CEMETERY

THE

MURDOCK MFG. & SUPPLY CO.

CINCINNATI, OHIO

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THE MURDOCK MFG. & SUPPLY CO.

"Murdock's" SINCE 1853

MURDOCK

Trade Mark Reg. U. S. Pat. Off.

HYDRANTS AND STREET WASHERS

There are MURDOCK Hydrants and Street Washers and there are hydrants and street washers not made by Murdock, but sometimes sold as "Murdock." They are not "Genuine" Murdock.

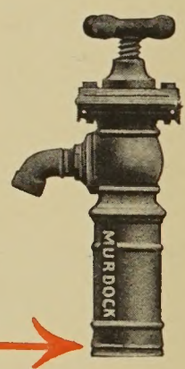
Murdock Hydrants (in 1853) and Street Washers (in 1869) were the original of their types and have always been made with the same exactness as to quality of materials and workmanship.

Burying the valve and drain deep in the ground to prevent freezing (a mechanical construction permitting the entire works to be removed without digging up the fixture) was ORIGINAL with MURDOCK Hydrants and Street Washers.

The name Murdock is a trademark registered in the U. S. Patent Office and cannot be used rightfully in connection with any make of hydrant or street-washer other than ours.

DISTINGUISHING MARK

The full name MURDOCK (trademark) cast in the stock is the distinguishing mark on Murdock Hydrants *made by Murdock*. It is placed there for easy identification and your protection. Look for it.



SPECIFY
"GENUINE" MURDOCK

Made by

THE MURDOCK MFG. & SUPPLY CO.

Cincinnati

"GENUINE" MURDOCK

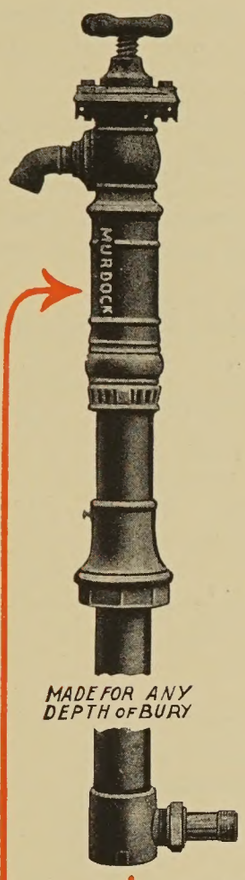
Trademark Reg. U. S. Pat. Off.

"Murdock's" SINCE 1853

COMPRESSION HYDRANT

Anti-Freezing

The original of its kind since 1853



This patented one piece red brass bottom connection is found only on "Genuine" Murdock Hydrants.

Look for the full name "Murdock" (trade mark) cast in the stock

The things which make "GENUINE" MURDOCK Hydrants different—which put long life and freedom from repairs into their inner works—are

Red Brass Valve Stem, Valve Body, Bottom Connection, Tail and Tail Nut.

Patented one-piece Bottom Connection, made of Red Brass instead of the old three-piece malleable Bottom Connection with shoe clamp and shoe.

Best grade Gray Iron in the Stock.

Best grade Pipe and Casing.

Our own special washers; made from best grade Oak Tanned Leather.

All parts thoroughly machined and properly fitted. Valve stems highly machined, insuring extra long life to washers and preventing leakage.

All working parts removable without digging up hydrant.

Every hydrant is tested before leaving the shop.

PRICES

To set in ground	2 ft.	2′ 6″ or 3 ft.	3′ 6″ or 4 ft.	4′ 6″ or 5 ft.	5′ 6″ or 6 ft.
¾-inch.....	**$9.00**	**$10.00**	**$11.00**	**$12.00**	**$13.00**
Weight.....	27 lbs.	31 lbs.	35 lbs.	39 lbs.	43 lbs.
1-inch.....	**$11.50**	**$12.50**	**$13.50**	**$14.50**	**$15.50**
Weight.....	34 lbs.	39 lbs.	44 lbs.	49 lbs.	54 lbs.

NOTE — In ordering be careful to give length (or depth of bury), and whether wanted for Lead or Iron Pipe. (Hose connections, standard hose threads.)

DIMENSIONS

	Base Diameter	Bottom of Base to Top of Fixture	Bottom of Base to End of Nozzle
¾ and 1-inch.	4¼ inches	24 inches	18 inches

SPECIFY "GENUINE" MURDOCK

Made by

The Murdock Mfg. & Supply Co.

Cincinnati

"Murdock's" SINCE 1853

Stop the Waste—Use

"GENUINE" MURDOCK

Trade Mark Reg. U. S. Pat. Off.

SELF-CLOSING HYDRANTS

Anti-Freezing

This patented one piece red brass bottom connection is found only on "Genuine" Murdock Hydrants.

Look for the full name "Murdock" (trade mark) cast in the stock

A self-closing hydrant especially adapted for Railroads, Municipalities, Mines, Mills, Stockyards, and other places where large volumes of water are used and where prevention of waste is important.

The "Genuine" Murdock Self-Closing Hydrant is positive in action — either full on or completely shut off. People can not go away and leave this hydrant running. There is conservation, not costly wastage, of water where "Genuine" Murdock Self-Closing Hydrants are installed. They are non-freezing.

All working parts removable without digging up hydrant.

The factors which make for unfailing service are:

Phosphor Bronze Spring. Neither rusts nor corrodes. Not affected by extreme temperature. Retains elasticity indefinitely. Used with success and absolute satisfaction for over 50 years.

Cast Steel Unbreakable Handle, not cast iron. Red Brass Valve Stem, Valve Body, Tail and Tail Nut.

Patented one-piece Bottom Connection, made of Red Brass instead of the old three-piece malleable Bottom Connection with shoe clamp and shoe.

Best grade Gray Iron in the Stock.

Best grade Pipe and Casing.

Our own Special Washers; made from best grade Oak Tanned Leather.

All parts thoroughly machined and properly fitted. Valve stems highly machined, insuring extra long life to washers and preventing leakage.

In over half a century of service not one Murdock Self-Closing Hydrant has been reported unsatisfactory.

PRICES

To set in ground	2 ft.	2′ 6″ or 3 ft.	3′ 6″ or 4 ft.	4′ 6″ or 5 ft.	5′ 6″ or 6 ft.
¾-inch	**$11.00**	**$12.00**	**$13.00**	**$14.00**	**$15.00**
Weight	27 lbs.	31 lbs.	35 lbs.	39 lbs.	43 lbs.
1-inch	**$19.00**	**$20.00**	**$21.00**	**$22.00**	**$23.00**
Weight	34 lbs.	39 lbs.	44 lbs.	49 lbs.	54 lbs.

NOTE — In ordering be careful to give length (or depth of bury). Hose connections, standard hose threads.

DIMENSIONS

Base Diameter	¾ and 1-inch Size Bottom of Base to Top of Fixture	Bottom of Base to End of Nozzle
4¼ inches	26 inches	18 inches

SPECIFY
"GENUINE" MURDOCK

Made by
The Murdock Mfg. & Supply Co.
Cincinnati

"GENUINE" MURDOCK

Trademark Reg. U. S. Pat. Off.

"EXTRA LARGE" HYDRANT

ANTI-FREEZING

1½-inch waterway, hose connection and bottom connection

For places where large streams of water are needed
Can be utilized also in case of fire

MILLS FACTORIES RAILROADS

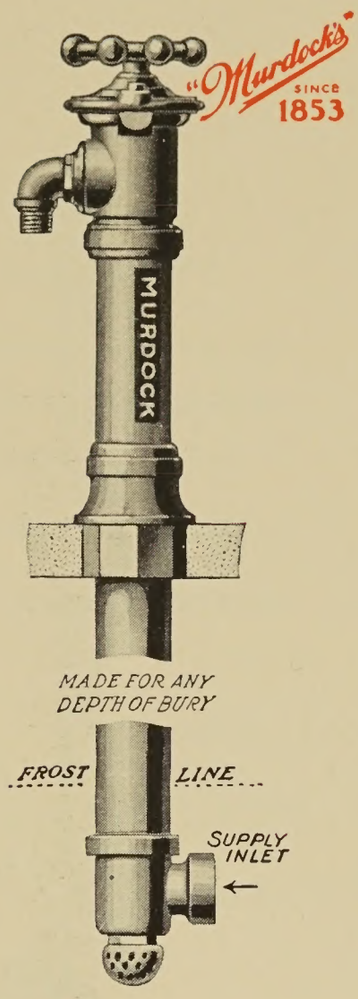
The "Extra Large" Hydrants are constructed of best grade materials
All Valve parts Red Brass, thoroughly machined

All working parts removable without digging up hydrant

NOTE—Can be supplied with 1¼, 1½ or 2-inch hose or bottom connection if desired. (Hose connections are iron pipe size hose threads.)

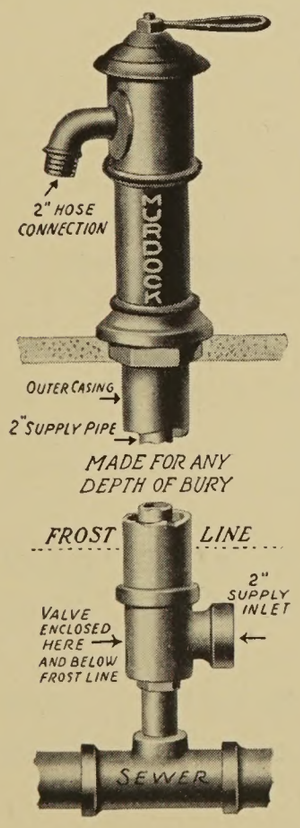
When ordering give depth of bury, which is the dimension from top of ground to center of supply inlet.

DIMENSIONS — Base diameter, 5¼ inches; bottom of base to top of fixture, 26 inches; to nozzle, 18 inches.



PRICES

		2′ 6″ or 3 ft.	3′ 6″ or 4 ft.	4′ 6″ or 5 ft.	5′ 6″ or 6 ft.
To set in ground	2 ft.				
1¼, 1½ or 2 inches	**$30.00**	**$32.00**	**$34.00**	**$36.00**	**$38.00**
Weight	70 lbs.	80 lbs.	90 lbs.	100 lbs.	110 lbs.



MURDOCK
"SAFETY" FIRE HYDRANT

ANTI-FREEZING

Full 2-inch Waterway

READY FOR DUTY ANY TIME, ALL THE TIME

Any day in the year, without previous attention, any Murdock "Safety" sewer-drained Fire Hydrant can be turned on and *it will work!*

The valve is buried below frost line and being sewer drained no water can possibly remain in fixture. It does not depend upon surface or ground drainage like ordinary fire plugs.

DIMENSIONS — Base diameter, 6½ inches; bottom of base to top of fixture, 26 inches; to end of nozzle, 18 inches.

NOTE — Can be supplied with 1½ or 2½-inch hose or bottom connection. (Hose connections are iron pipe size hose threads.)

When ordering be careful to specify depth of bury.

PRICES

		2′ 6″ or 3 ft.	3′ 6″ or 4 ft.	4′ 6″ or 5 ft.	5′ 6″ or 6 ft.
Set in the ground	2 ft.				
2-inch waterway	**$45.00**	**$48.00**	**$51.00**	**$54.00**	**$57.00**
Weight	97 lbs.	109 lbs.	121 lbs.	133 lbs.	145 lbs.

"Murdock's" SINCE 1853

"GENUINE" MURDOCK

Trade Mark Reg. U. S. Pat. Off.

STREET WASHER

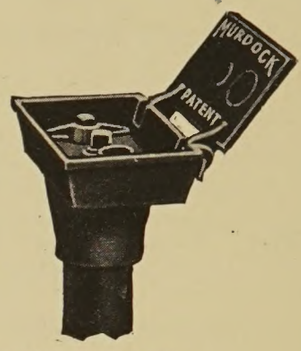
ANTI-FREEZING

The original of its type—since 1869

All the superiorities of principle of operation, materials and construction that distinguish Murdock Compression Hydrants are embodied in Murdock Street Washers.

All Valve parts Red Brass, thoroughly machined.

All working parts removable without digging up fixture.

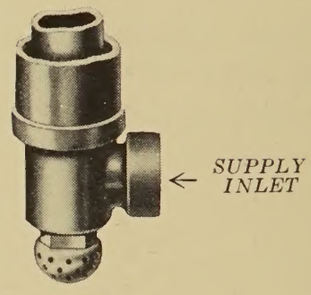


MADE FOR ANY DEPTH OF BURY

APPROVED
DEC 10 1929
THE WOODLAWN CEMETERY

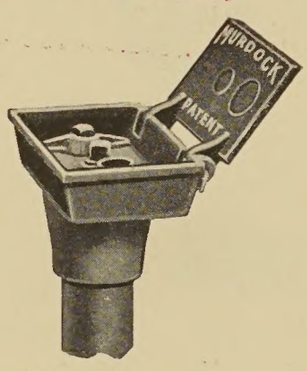
NOTE — In ordering, be sure to specify length (or depth of bury), and whether wanted for lead or iron pipe connections. Also in ordering the Extra Large state the size hose and bottom connections wanted.

(¾- and 1-inch hose connections are standard hose threads. Extra Large hose connections are iron pipe size hose threads.)

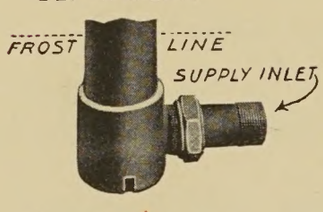


"Extra Large" Street Washer

1½-inch waterway, 1½ inch inlet and hose connection. Can be fitted for 1¼, 1½ or 2-inch hose and bottom connection.



MADE FOR ANY DEPTH OF BURY



¾" and 1" Sizes

This patented one piece red brass bottom connection is found only on MurdockStreetWashers

SPECIFY "GENUINE" MURDOCK

Made by

The Murdock Mfg. & Supply Co., Cincinnati

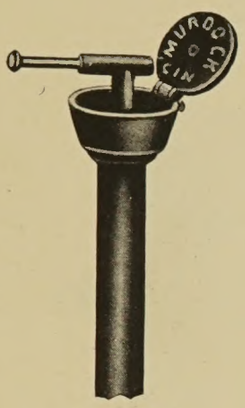
PRICES

To set in ground.....	2 ft.	2′ 6″ or 3 ft.	3′ 6″ or 4 ft.	4′ 6″ or 5 ft.	5′ 6″ or 6 ft.
¾-inch (Size Box 6¼″ x 4⅝).....	**$7.50**	**$8.50**	**$9.50**	**$10.50**	**$11.50**
Weight.....	18 lbs.	22 lbs.	26 lbs.	30 lbs.	34 lbs.
1-inch (Size Box 7¼″ x 4⅝″).....	**9.00**	**10.00**	**11.00**	**12.00**	**13.00**
Weight.....	24 lbs.	29 lbs.	34 lbs.	39 lbs.	44 lbs.
Extra Large (Size Box 7⅝″ x 6½″).....	**27.00**	**29.00**	**31.00**	**33.00**	**35.00**
Weight.....	44 lbs.	54 lbs.	64 lbs.	74 lbs.	84 lbs.

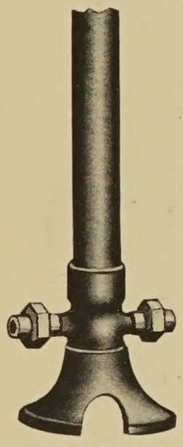
5.20 net.

STOP AND WASTE BOXES

"Murdock's" SINCE 1853



MADE FOR ANY DEPTH OF BURY

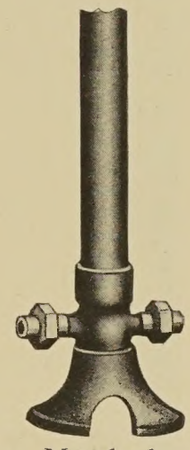


Murdock

MADE FOR ANY DEPTH OF BURY

Regular "Ricketts" Pattern

MADE FOR ANY DEPTH OF BURY



Murdock Improved "Ricketts" Pattern

MURDOCK STOP AND WASTE BOX —

Combines two great time savers in one device. To shut off water simply pull up the key, turn and let go. It drops into position and will be there when it is again wanted. No key to be misplaced or lost and hunted for when needed. Note also the union connections at the bottom. They save time for the plumber. No long lengths or bends of pipe to swing. Makes work easy in close quarters. No chance to spring body of cock.

REGULAR RICKETTS PATTERN AND MURDOCK IMPROVED "RICKETTS" PATTERN

Both are identical except that the Murdock improved "Rickett's" Pattern has the same time-saving union connections at the bottom as described above.

Made for $\frac{5}{8}$-inch lead pipe or $\frac{1}{2}$-inch iron pipe.

PRICES

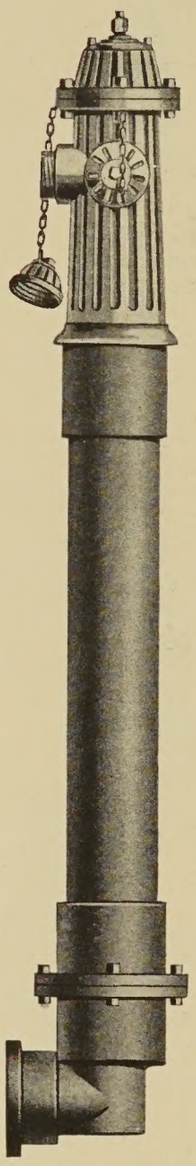
To set in the ground	2 ft.	2′ 6″ or 3 ft.	3′ 6″ or 4 ft.	4′ 6″ or 5 ft.	5′ 6″ or 6 ft.
Murdock	**$8.00**	**$8.75**	**$9.50**	**$10.25**	**$11.00**
Weight	12 lbs.	14 lbs.	16 lbs.	18 lbs.	20 lbs.
Regular "Ricketts" Pattern	**4.00**	**4.75**	**5.50**	**6.25**	**7.00**
Weight	9 lbs.	11 lbs.	13 lbs.	15 lbs.	17 lbs.
Murdock Improved "Ricketts" Pattern	**6.00**	**6.75**	**7.50**	**8.25**	**9.00**
Weight	10 lbs.	12 lbs.	14 lbs.	16 lbs.	18 lbs.

Specify size, kind of piping and length or depth of bury.

"Murdock's" SINCE 1853

IMPROVED STANDARD FIRE PLUG

Ground Drained



OUTSIDE VIEW

Four-Inch Valve Opening Fire Plug. 5″ internal diameter of Stand Pipe; one or two 2½″ nozzles; 4″ or 6″ hub shoe connection

High-grade and thoroughly reliable Fire Plug, with automatic waste or drip. The shoe is bored out smooth and fitted with a waste valve or ring.

In this Fire Plug the waste valve is not used as a guide to prevent the rod from turning, that duty being performed by a square on the valve rod working through a square opening in the guide as illustrated.

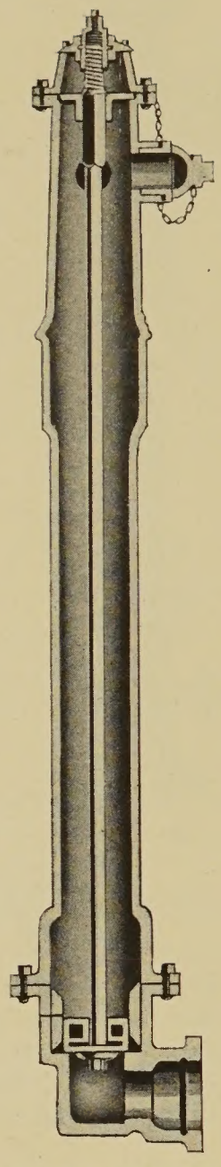
Neat and attractive in appearance.

All parts interchangeable.

Strong Valve Rod, free from pinholes and drillings.

Best grade materials used throughout.

Guaranteed under any pressure to which they may be subjected when in use. Free from vibration.



SECTIONAL VIEW

Three-Inch Valve Opening Fire Plug. 4″ internal diameter of Stand Pipe; fitted with one or two 2″ or 2½″ nozzles; 3″ or 4″ screwed or hub shoe connection.

PRICES — On Application Only

NOTE — In ordering be careful to specify length or (depth of bury). Give diameter of Stand Pipe, size and kind of pipe Fire Plugs are to connect with. Send hose gauge (or part of coupling will answer), so the nozzle may be accurately fitted to it. State if they are to open by turning to the right or left, and give size and shape of nut for wrench.

MURDOCK
DRINKING FOUNTAINS

"Murdock's" SINCE 1853

The Murdock Outdoor Bubble Font was selected to go with this Memorial because of its everlasting qualities and constant performance.

An Outdoor Bubble Font is a public utility. It should be ready to serve the people any hour of any day in the year.

The Murdock Outdoor Bubble Font is designed to give such service.

The construction is of BRONZE, BRASS and IRON — three metals which have stood the test of time. They have the ability to withstand exposure and abuse; and will not craze, chip, or crack.

The Murdock Outdoor Bubble Font is particularly adapted for Railway Platforms, Railway Yards, Public Streets, Parks, Playgrounds, Schools, Schoolyards, Mills, Shops, Factories, Golf Courses, etc., etc.

"Murdock's" SINCE 1853

MURDOCK OUTDOOR BUBBLE FONT

Patented

WILL NOT FREEZE — ANGLE STREAM

Once Installed This Font Becomes a Permanent Fixture

Full Quenching
Angle Stream

A Full Quenching
Vertical Bubbler

SPECIFICATIONS

Bowl — Bronze, 12″ diameter, chromium plated.

Bubbler Head — Bronze, chromium plated, non-squirting, easily adjusted to water pressure.

Pedestal — Cast iron. Practically indestructible.

Pedal — Cast Steel.

Inner Parts — All brass, proof against rust or corrosion; completely enclosed and protected by the heavy cast-iron pedestal.

Trap — Heavy cast brass, integral.

Anti-Freezing — Valve and Drain are deep in the ground below frost line.

Self-Draining — Font drains itself immediately each time after used. Water cannot remain in the supply pipe to freeze in winter or to become stagnant in summer. Every drink is fresh from water main.

Sanitary — Being self-draining, every user is insured an individual fresh drink.

Non-Squirting — Patent bubbler head prevents children from squirting.

Valve Spring — The spring is of heavy phosphor bronze, which makes it proof against abuse and rust, practically endless in life and positive in controlling and shutting off the valve.

Pedal Acting — Because of its greater durability than hand operated cocks and its convenience to children.

Regulator — For adjusting height of bubble or stream. Adjustment is simple, quick. and makes high squirting stream impossible.

Self-Closing — Valve closes immediately as foot is removed from pedal. The action is positive. Using water only as required results in large saving of water.

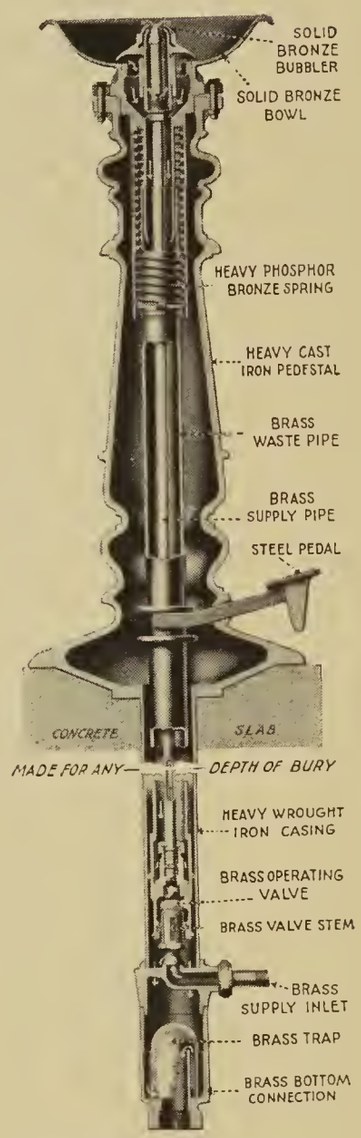
Thoroughly Tested — Font is subjected to a thorough water test, both as to supply and drainage, before shipping.

Renewable Finish—Pedestal is artistically filigreed and painted a rich shade of green. Paint is renewable; fountain can be kept looking like new all the time. Can be painted any color desired.

Dimensions — Height above ground, 34 inches standard; 30 inches where desired Base, 13 inches diameter.

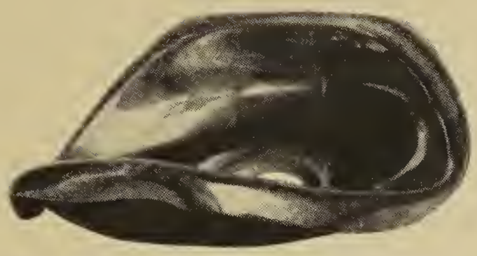
Weight — 100 pounds for 2 ft. bury. Shipping weight, 150 pounds. Add 5 pounds for each additional foot of bury.

Note — In ordering, be careful to specify depth of bury, which is the dimension from top of ground to center of supply inlet and which should be sufficient to have the valve below a possible freezing point. See page 12.



Every part is brass or bronze, except pedestal and pedal

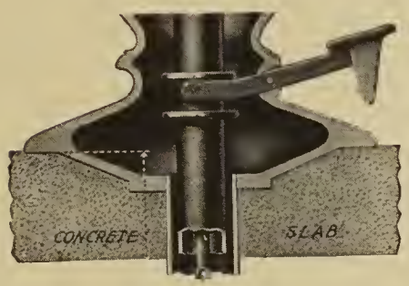
Depth of Bury	Price	Depth of Bury	Price	Depth of Bury	Price
2′	$70.00	3′ 6″ or 4′	$77.00	5′ 6″ or 6′	$84.00
2′ 6″ or 3′	73.50	4′ 6″ or 5′	80.50		



Proof that Solid Bronze Bowl is Unbreakable

Phosphor Bronze Spring

This spring is not affected by any changes in temperature. It will not rust. Phosphor bronze springs have been used in Murdock products for over 50 years.



Why Pedal Action is Best

It is the easiest and most convenient action. Foot-action is also firm and positive. Water flows freely, even at the foot-touch of a child. And no matter how hard the downward thrust on the pedal, the flow of water is regulated and there is no strain on the valve or inner works.

The pedal principle of action is stronger and far more long-lived than any hand-operated valve.

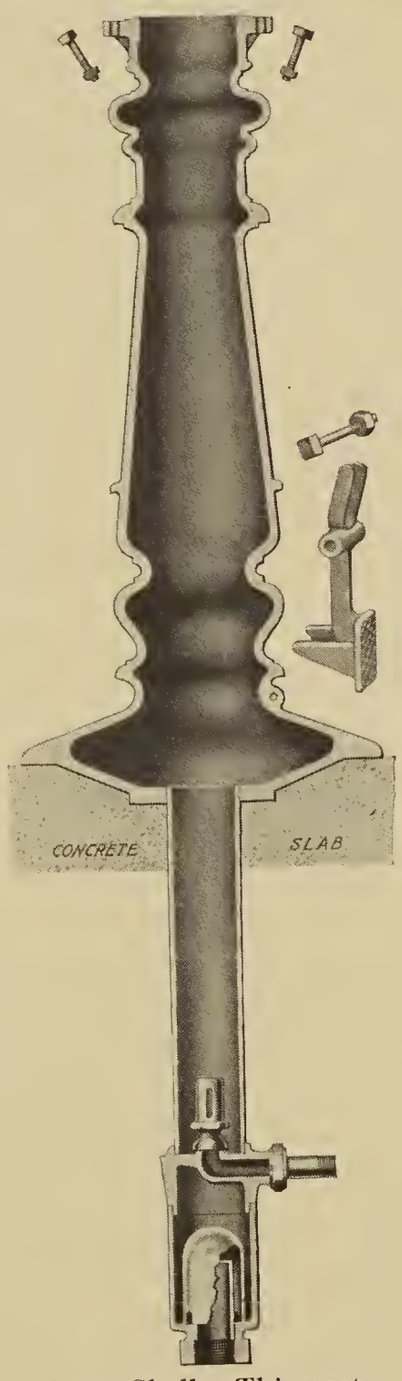
Quality of Steel Pedal

All Brass
Inner Works Removed

All Working Parts Removed Without Digging Up Fountain

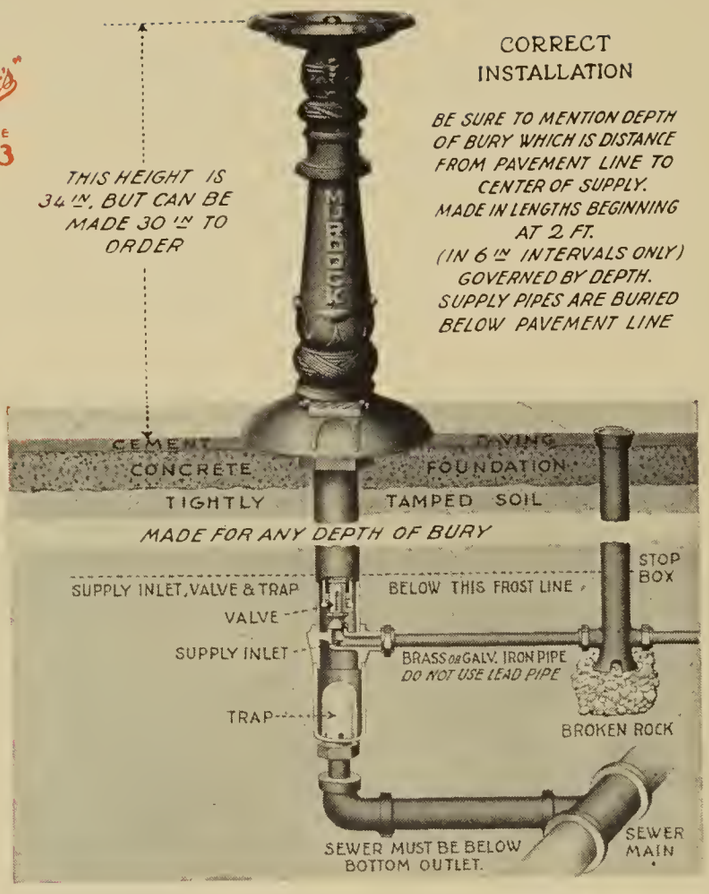
All the working parts of an Outdoor Drinking Fountain should be readily accessible, because digging up the entire fixture to get at the inner parts is expensive.

All the working parts of the Murdock Outdoor Bubble Font can be easily and quickly removed without digging up or even disturbing fixture. Simply take out three bolts and take off pedal as shown.



Outer Shell. This part remains rigid in the ground

"Murdock's" SINCE 1853


CORRECT INSTALLATION
BE SURE TO MENTION DEPTH OF BURY WHICH IS DISTANCE FROM PAVEMENT LINE TO CENTER OF SUPPLY. MADE IN LENGTHS BEGINNING AT 2 FT. (IN 6 IN. INTERVALS ONLY) GOVERNED BY DEPTH. SUPPLY PIPES ARE BURIED BELOW PAVEMENT LINE
THIS HEIGHT IS 34 IN. BUT CAN BE MADE 30 IN. TO ORDER
MURDOCK
CEMENT CONCRETE TIGHTLY
PAVING FOUNDATION TAMPED SOIL
MADE FOR ANY DEPTH OF BURY
STOP BOX
SUPPLY INLET, VALVE & TRAP
BELOW THIS FROST LINE
VALVE
SUPPLY INLET
BRASS OR GALV. IRON PIPE DO NOT USE LEAD PIPE
TRAP
BROKEN ROCK
SEWER MUST BE BELOW BOTTOM OUTLET.
SEWER MAIN

Correct Installation

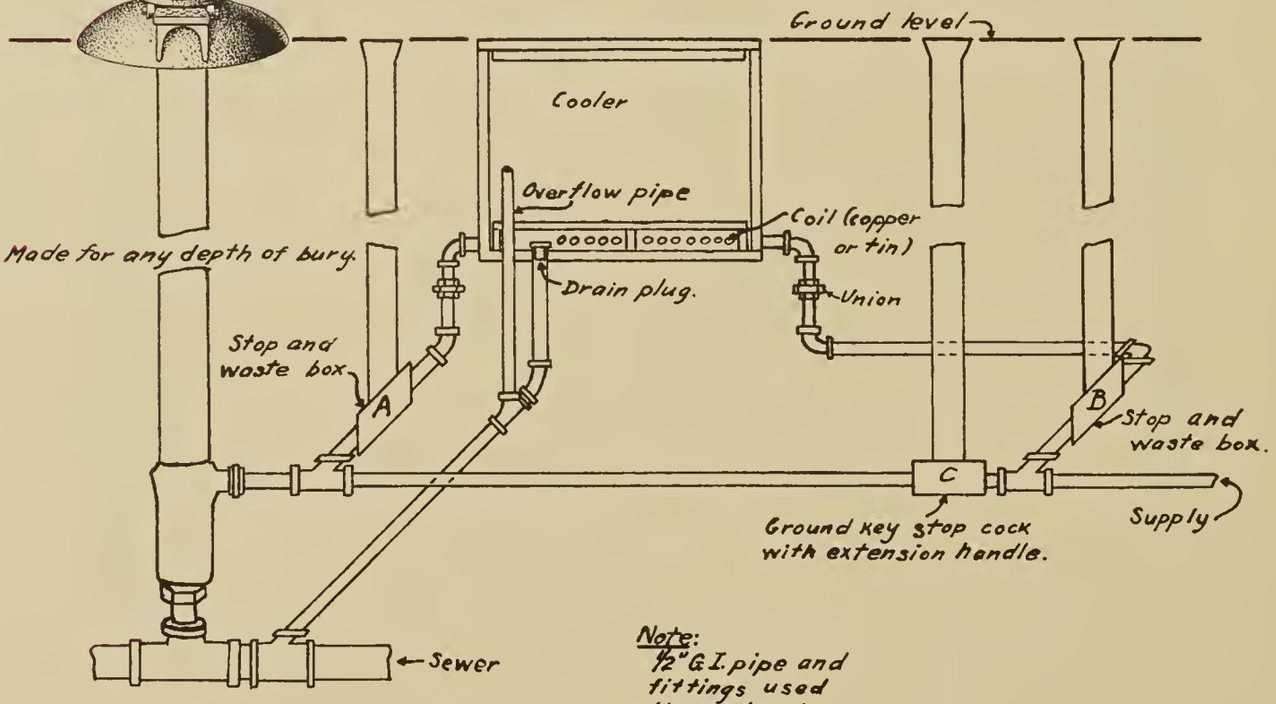
THE MURDOCK OUTDOOR BUBBLE FONT

Patented

When ordering, be careful to specify depth of bury or length required below the surface of the ground sufficient to have the valve and all working parts below frost line.

Showing installation of Murdock Outdoor Bubble Font in connection with Water Cooler. We do not supply cooler or fittings. The cooler may be made of wood with tin copper lining. A cooler of 50 pounds ice capacity should have 20 feet of $\frac{3}{8}$-inch Block Tin Coil Pipe and heavy galvanized iron coil protector. The size of box and length of coil should be according to the number of persons to be served.

Method of operating:
For operation without cooler— Close "A" and "B", open "C."
For operation with cooler— Open "A" and "B", close "C."



Note:
½" G.I. pipe and fittings used throughout.

MURDOCK
"LILY WHITE" BUBBLE FONT

Patented

A Full Quenching Vertical Bubbler

A Full Quenching Angle Stream Drinking Head

Chromium Plated Bronze Bowl and Drinking Head

FOR OFFICE AND PUBLIC BUILDINGS, DEPOTS, CITY HALLS, LIBRARIES, HOSPITALS, COMFORT STATIONS, Etc.

The Murdock "Lily White" Bubble Font has the same time-tried inside working parts as the Murdock Outdoor Bubble Font, see page 10.

Pedestal — Heavy cast iron surmounted by solid bronze bowl, chromium plated. Will not tarnish, rust or wear off. Remains bright permanently.

Outside Finish — Best pure white enamel paint. Painted preferably because paint can always be restored. The "Lily White" Font can be made to look just as good after many years' usage as when first installed. This is not possible with fountains of porcelain or enamel.

Note — The "Lily White" Bubble Font can also be furnished with the Murdock Anti-Freezing Parts below ground level for outdoor installation. See page 10.

PRICES FOR INDOOR INSTALLATION

With short connections for concealed piping $97.00
With long connections for exposed piping 100.00

FOR OUTDOOR INSTALLATION

Depth of bury	2 ft.	2′ 6″ or 3′	3′ 6″ or 4′	4′ 6″ or 5′	5′ 6″ or 6′
Price	$97.00	$100.50	$104.00	$107.50	$111.00

MURDOCK
"LILY WHITE" BUBBLE FONT

Patented

Different Ways of Installing

The Murdock Lily White Bubble Font may be installed in several different ways. It is particularly adapted to concrete construction, because both the supply and waste may then be embedded just below the surface in a space less than two and one-half inches in depth — as shown in Figs. 1 and 2.

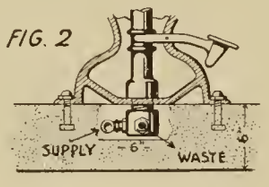


FIG. 2

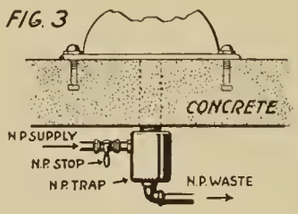


FIG. 3

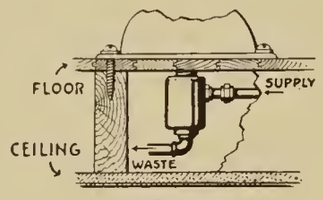


FIG. 4

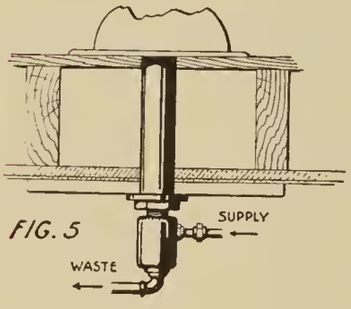


FIG. 5

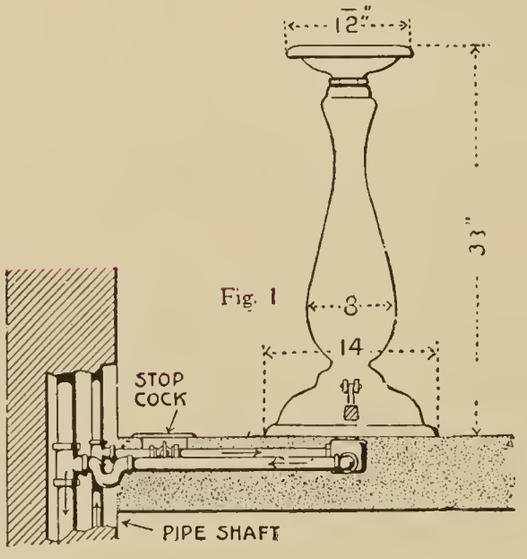


Fig. 1

Five Details of Installation of Murdock Lily White Bubble Font

(1) Concrete floor. Working parts accessible without disturbing fixture.

(2) Concrete floor. 2½ inches from floor line to bottom of 1-inch waste pipe. 3 inches from floor line to extreme lower end.

(3) Concrete floor. Method of installation with trap exposed on ceiling of story below. Trap regularly furnished rough brass, but may be polished and nickel plated to order.

(4) Wood floor. Trap between floor and ceiling.

(5) Wood floor. Trap below ceiling of story below.

NOTE — Inlets and outlets can be placed at any angle facing pedal, if so specified when ordering. Bottom fittings without traps, shown in 1 and 2, having a measurement of 3 inches over all; may also be used as shown in 3, 4 and 5, when trap is otherwise placed. Bottom fittings with trap measure 8 inches over all. This does not include ells or nipples.

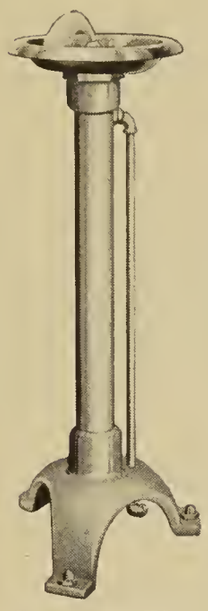
Can also be furnished with anti-freezing parts for outdoor use.

This fountain can be connected with circulating ice-water system or to separate iced coils in boxes. See page 12.

NOTE — For exposed plumbing be careful to give over-all measurements, from face of flooring through ceiling below.

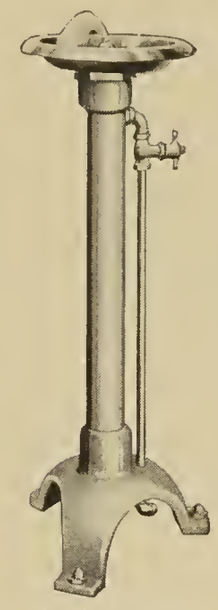
"SANDOW" PEDESTAL FOUNTAINS

ANGLE STREAM



Constant Flow

Vertical Bubbler
on order.



Self-closing

Bronze Bowls and Bubblers

"Sandow" drinking fountains are built for heavy duty. They are practically indestructible. When properly adjusted, deliver a full quenching stream and most satisfying drink. A thin, squirting, high stream is impossible. The bowl and drinking head can be polished and the pedestal refinished, thus keeping the fountain looking like new even after many years of service. Therefore these fountains are especially suitable for

MILLS, SHOPS, RAILWAY STATIONS, SCHOOLS

DESCRIPTION

Materials — Bowl, heavy bronze, nickeled, 12 inches in diameter.

Base, heavy cast iron. Standard 2-inch wrought steel pipe. Supply pipe, $\frac{3}{8}$ inches, galvanized.

Drinking Head — Heavy bronze, nickeled, adjustable to water pressure. Non-squirting.

Angle stream regular, vertical bubbler supplied on order.

Self-Closing Type — Positive, self-closing all brass cock, nickeled. Adjustment to take up wear in washer.

Outside Finish — Best pure white enamel paint.

Height — 34 inches regular; 30 inches or 24 inches to order.

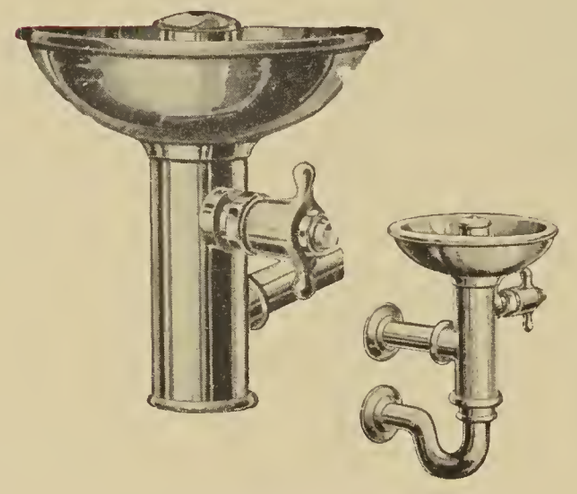
Weight — 65 pounds. Shipping weight, 100 pounds.

PRICES

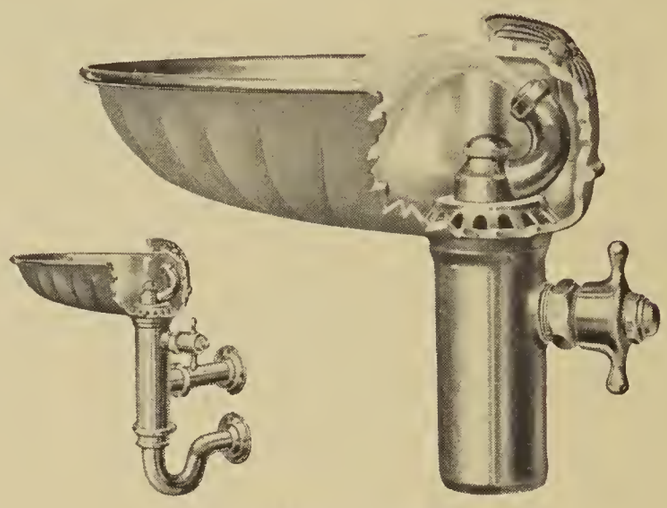
Constant Flow Type	$30.00
Self-closing Type	35.00

CAST BRASS WALL FOUNTAINS
For Railway Stations, Schools and Shops

Designed and made to give satisfactory service under the most severe conditions
Can be attached to water cooler boxes



"Hercules" Fountain



"Mur-Made" Fountain

Vertical Bubbler adjustable to water pressure. A high squirting stream is impossible. See detail below. Solid brass throughout. Nothing to chip, craze or crack.

DIMENSIONS — Bowl, 6⅝ inches diameter: height of fountain, 7 inches; weight, 5 pounds.

"Simp-San" Bubbler Head as used on "Hercules" wall fountains

Adjustment to water pressure is made by removing the cap, inserting a small tool in the hole shown at top of nozzle and turning to right or left. A small hole is provided for draining the reservoir.

A baffle ring under the cap prevents any water from coming out at top until the reservoir has been filled. Consequently the water following must work its way to the opening resulting in a full soft bubble.

PRICES

As shown in larger illustration with 1¼" iron pipe thread at waste end and ½" iron pipe thread at supply opening $16.00

With slip connection for 1¼" trap (not illustrated) 17.50

With slip connection, 1¼" "P" trap and wall inlet connection (illustrated at right) 20.75

ANGLE STREAM

Protected nozzle. Angle stream liberal in volume, affords a thoroughly satisfying drink.

Stream can be regulated to water pressure.

No squirting or mess.

DIMENSIONS — Bowl, 6½ x 9½ inches. Height of fountain, over all 7¼ inches. Diameter of stem, 2 inches. Weight, 7 pounds.

The cocks used on the "Hercules" and "Mur-Made" Fountains are positively self-closing. They will not stick in open position. A very simple adjustment is provided for taking up wear in the washer.

To install either of these Fonts means satisfying drinks, cleanliness, no repairs and uninterrupted service over a long period of years.

PRICES

As shown in large illustration with 1¼" iron pipe thread at waste end and ½" iron pipe thread at supply opening $20.00

With slip connection for 1¼" trap (not illustrated) 21.00

With slip connection, 1¼" "P" trap and wall inlet connection (illustration at left) 24.75

DRINKING FIXTURES

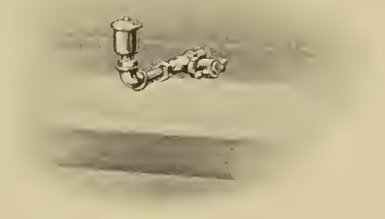
"Murdock's" SINCE 1853

With use of Nipples, Ells or Tees any combination of Drinking Fixture as shown at right can be made of parts illustrated below

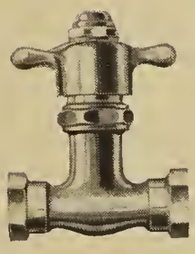
Patented

"SIMP-SAN" BUBBLER HEAD

All brass, nickel plated; indestructible. Can be regulated to give any height bubble by removing cap and turning stem to right or left. May be used in combination with our "Sampson" self-closing stop cock over sinks or lavatories which are already installed or may be readily adapted in various ways to new work. With the use of nickel-plated or galvanized nipples, ells, or tees, any combination can be made. Furnished with either ⅜" or ½" I. P. Thread.



"SAMPSON" SELF-CLOSING STOP COCK



All brass, nickel plated. Strong, well made and positively self-closing. Provided with adjustment to take up wear in the washer. This adjustment is necessary but once in several years. There is no leaking or dripping of water. Intended for use in combination with our "Simp-San" bubbler or in any other place where it is desired to make up drinking fixtures. Practically everlasting.

May be attached to rough piping over factory washroom sinks, either singly or in multiple.

SPECIAL LAVATORY FITTING

All brass, nickel plated. Takes the place of a basin cock in making up a drinking fixture over a lavatory and can be furnished, tapped for either ⅜" or ½" I. P. in the ball. The supply connection is similar to that of a basin cock with tail threaded for ¼" I. P.

By substituting Special Lavatory Fitting for basin cock, fountain may be made up for lavatories.

PRICES

	Polished and Nickel Plated
"SIMP-SAN" Bubbler Head, ⅜" or ½"	$2.50
"SAMPSON" Self-closing Stop Cock, ⅜"	5.00
"SAMPSON" Self-closing Stop Cock, ½"	5.15
SPECIAL LAVATORY FITTING to replace basin cock	4.00

May be installed in multiple in School washrooms over enameled sinks.

"Murdock's" SINCE 1853

PARTS LIST

"Genuine" Murdock Compression Hydrant

¾-inch Size

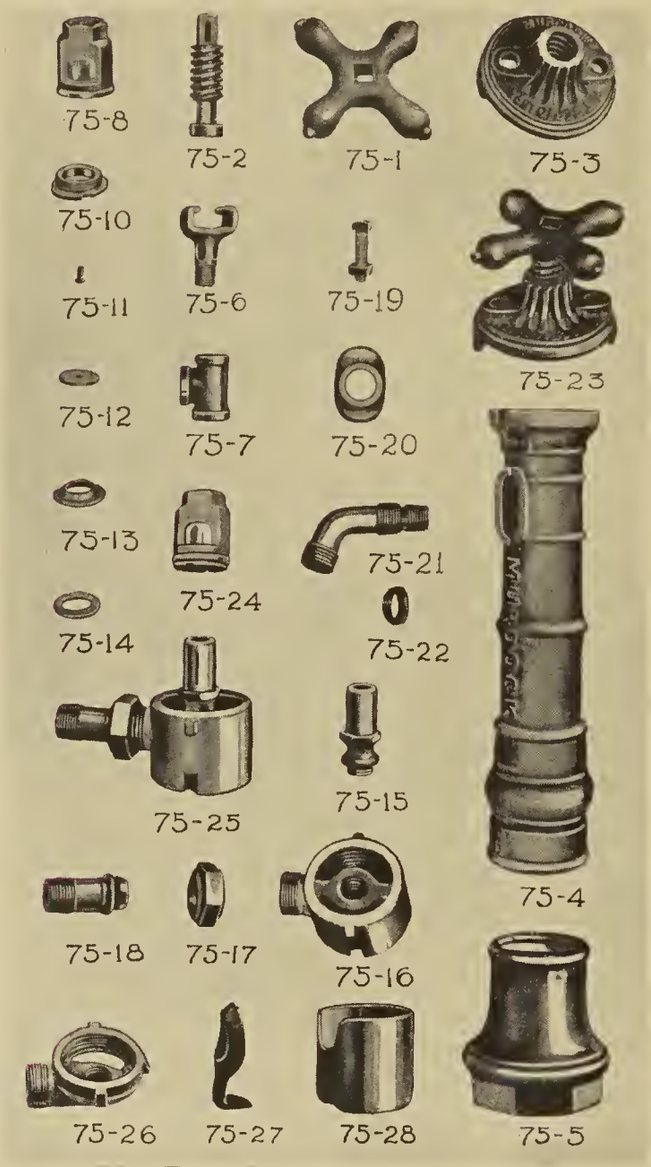


Plate No.		Prices
75-1	Hydrant Handle	$0.60
75-2	Hydrant Screw	1.10
75-3	Hydrant Top	.70
75-4	Hydrant Stock	2.60
75-5	Hydrant Base	1.20
75-6	Hydrant Stirrup	.70
75-7	Hydrant Tee	.30
75-8	Valve Body Only	1.20
75-10	Valve Packing Ring	.30
75-11	Seat Washer Screw	.05
75-12	Seat Washer	.05
75-13	Cup Washer	.10
75-14	Ring Washer	.05
75-15	Valve Stem	.70

Plate No.		Prices
75-16	Bottom Connection, New Style	$2.90
75-17	Tail Nut	.50
75-18	Tail	.70
75-19	Top Bolt	.10
75-20	Hydrant Slide	.10
75-21	Hydrant Nozzle, Brass	1.10
75-22	Nozzle Locknut	.10
75-23	Handle, Screw and Top	2.40
75-24	Valve Body, Packed	1.60
75-25	Valve Stem, Bottom Connection, Tail Nut and Tail	4.80
75-26	Old Style Bottom Connection	*
75-27	Shoe Clamp	*
75-28	Shoe	*

*Parts Nos. 75-26, 27, 28 are obsolete and superseded by One-Piece Bottom Connection Plate No. 75-16.

PARTS LIST

"Genuine" Murdock Compression Hydrant

1-inch Size

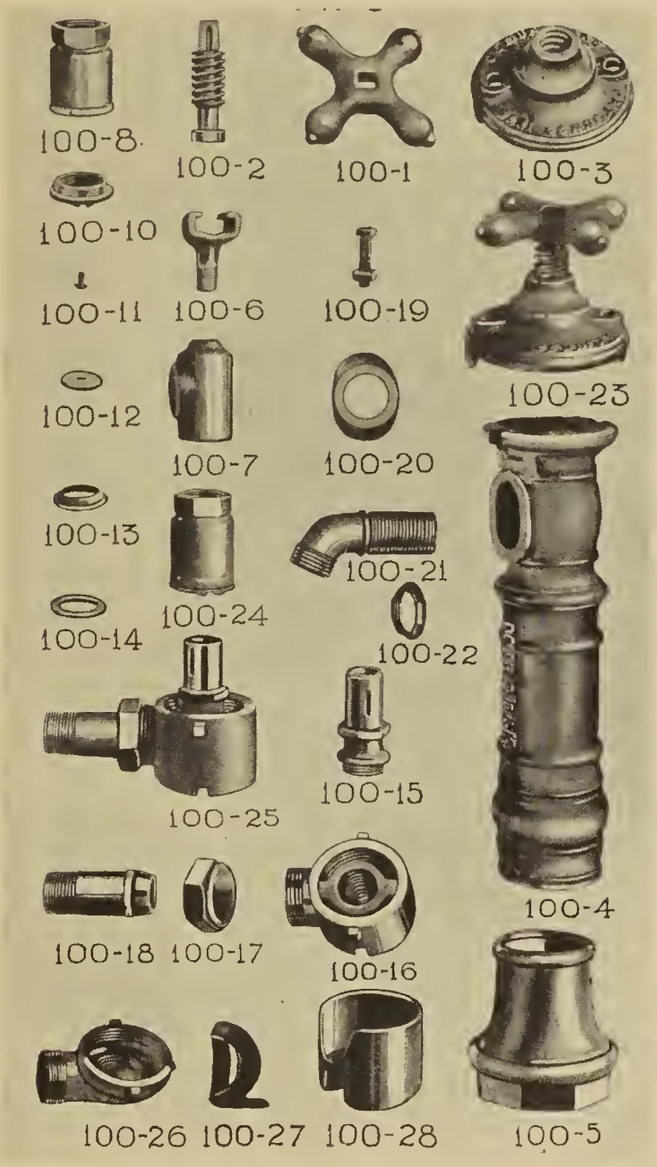


Plate No.		Prices
100-1	Hydrant Handle	$0.60
100-2	Hydrant Screw	1.10
100-3	Hydrant Top	.90
100-4	Hydrant Stock	3.80
100-5	Hydrant Base	1.20
100-6	Hydrant Stirrup	.70
100-7	Hydrant Tee	1.20
100-8	Valve Body Only	1.50
100-10	Valve Packing Ring	.40
100-11	Seat Washer Screw	.05
100-12	Seat Washer	.05
100-13	Cup Washer	.10
100-14	Ring Washer	.05
100-15	Valve Stem	1.20

Plate No.		Prices
100-16	Bottom Connection, New Style	$4.00
100-17	Tail Nut	.50
100-18	Tail	1.40
100-19	Top Bolt	.10
100-20	Hydrant Slide	.10
100-21	Hydrant Nozzle	1.10
100-22	Nozzle Locknut	.20
100-23	Handle, Screw and Top	2.60
100-24	Valve Body, Packed	2.10
100-25	Valve Stem, Bottom Connection, Tail Nut and Tail	8.10
100-26	Old Style Bottom Connection	*
100-27	Shoe Clamp	*
100-28	Shoe	*

*Parts Nos. 100-26, 27, 28 are obsolete and superseded by One-Piece Bottom Connection Plate No. 100-16.

"Murdock's" SINCE 1853

PARTS LIST

"Genuine" Murdock Compression Hydrant

Extra Large 1½-inch Size

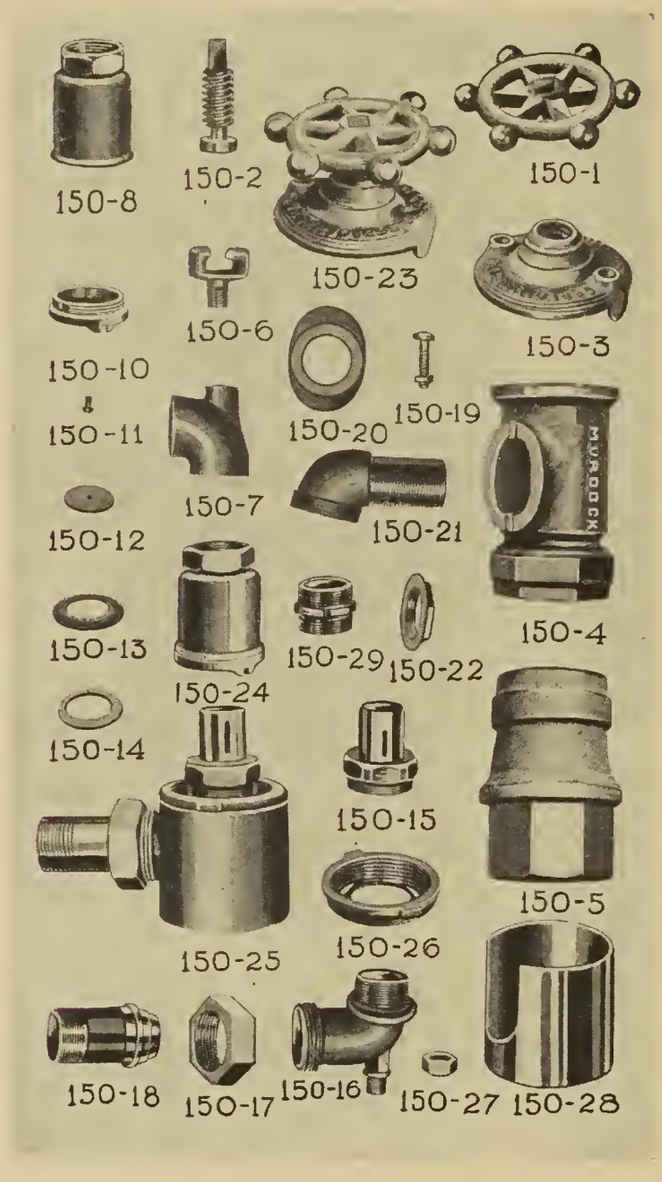


Plate No.		Prices
150-1	Hydrant Handle	$1.10
150-2	Hydrant Screw	4.10
150-3	Hydrant Top	1.80
150-4	Hydrant Stock	4.20
150-5	Hydrant Base	3.40
150-6	Hydrant Stirrup	1.20
150-7	Hydrant Tee	.90
150-8	Valve Body Only	3.40
150-10	Valve Packing Ring	1.00
150-11	Seat Washer Screw	.05
150-12	Seat Washer	.30
150-13	Cup Washer	.60
150-14	Ring Washer	.30
150-15	Valve Stem	2.30
150-16	Bottom Connection Ell	*
150-17	Tail Nut	*
150-18	Tail	*
150-19	Top Bolt	.10

Plate No.		Prices
150-20	Hydrant Slide	$0.30
150-21	Hydrant Nozzle	4.10
150-22	Nozzle Locknut	.50
150-23	Handle, Screw and Top	7.00
150-24	Valve Body, Packed	5.70
150-25	Valve Stem, Bottom Connection Ring, Bottom Connection Ell Shoe, ⅜" Locknut, Tail Nut and Tail	*
150-26	Bottom Connection Ring	*
150-27	⅜" Locknut for Bottom Connection	*
150-28	Shoe	*
150-29	Reducers for 1¼", 1½" or 2" Hose	1.60
150-30	Bottom Connection, New Style	10.00
150-31	Ground Drain Attachment	1.50

*Parts Nos. 150-16, 17, 18, 25, 26, 27, 28 are obsolete and superseded by One-Piece Bottom Connection and Ground Drain Attachment, Plates Nos. 150-30, 150-31.

PARTS LIST

"Genuine" Murdock "Safety" Fire Hydrant

2-inch Size

200-54

200-55

Plate No.		Prices
200-1	Hydrant Lever	$0.60
200-2	Hydrant Screw	4.10
200-3	Hydrant Top	2.80
200-4	Hydrant Stock	5.00
200-5	Hydrant Base	6.20
200-6	Hydrant Stirrup	.90
200-7	Hydrant Tee	2.10
200-8	Valve Body Only	7.80
200-10	Valve Packing Ring	3.00
200-11	Seat Washer Screw	.05
200-12	Seat Washer	.30
200-13	Cup Washer	.60
200-14	Ring Washer	.30

Plate No.		Prices
200-15	Valve Stem	$4.30
200-17	Tail Nut	*
200-18	Tail	*
200-19	Top Bolt	.30
200-20	Hydrant Slide	.50
200-21	Hydrant Nozzle	4.80
200-22	Nozzle Locknut	1.00
200-24	Valve Body, Packed	12.40
200-51	Sewer Drained Bottom Connection	*
200-53	Valve Stem, Sewer Drained Bottom Connection, Tail Nut and Tail	*
200-54	Bottom Connection, New Style	10.00
200-55	Ground Drain Attachment	1.50

*The Bottom Connection as shown in Plates Nos. 200-51, and 200-53 is obsolete and is superseded by Bottom Connection and Ground Drain Attachment, Plates Nos. 200-54, 55.

"Murdock's" SINCE 1853

PARTS LIST

"Genuine" Murdock Self-Closing Hydrant

¾-inch Size

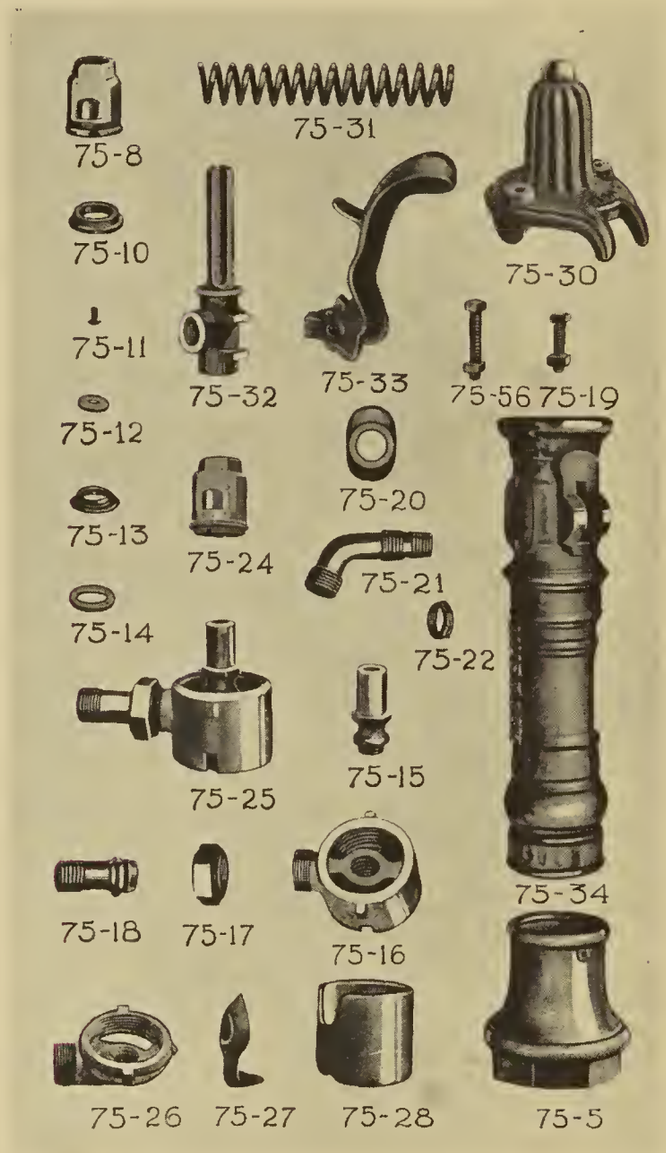


Plate No.		Prices
75-5	Hydrant Base	$1.20
75-8	Valve Body Only	1.20
75-10	Valve Packing Ring	.30
75-11	Seat Washer Screw	.05
75-12	Seat Washer	.05
75-13	Cup Washer	.10
75-14	Ring Washer	.05
75-15	Valve Stem	.70
75-16	Bottom Connection, New Style	2.90
75-17	Tail Nut	.50
75-18	Tail	.70
75-19	Top Bolt	.10
75-20	Hydrant Slide	.10
75-21	Hydrant Nozzle, Brass	1.10

Plate No.		Prices
75-22	Nozzle Locknut	$0.10
75-24	Valve Body, Packed	1.60
75-25	Valve Stem, Bottom Connection, Tail Nut and Tail	4.80
75-26	Old Style Bottom Connection	*
75-27	Shoe Clamp	*
75-28	Shoe	*
75-30	Self-Closing Hydrant Top	1.80
75-31	Self-Closing Hydrant Spring	1.70
75-32	Stirrup and Tee	1.50
75-33	Self-Closing Hydrant Lever	1.70
75-34	Self-Closing Hydrant Stock	3.80
75-56	Self-Closing Lever Bolt	.10

*Parts Nos. 75-26, 27, 28 are obsolete and superseded by One-Piece Bottom Connection, Plate No. 75-16.

PARTS LIST

"Genuine" Murdock Self-Closing Hydrant

1-inch Size

Plate No.		Prices
100-5	Hydrant Base	$1.20
100-8	Valve Body Only	1.90
100-10	Valve Packing Ring	.50
100-11	Seat Washer Screw	.05
100-12	Seat Washer	.05
100-13	Cup Washer	.10
100-14	Ring Washer	.05
100-15	Valve Stem	1.30
100-16	Bottom Connection, New Style	4.00
100-17	Tail Nut	.50
100-18	Tail	1.40
100-19	Top Bolt	.10
100-20	Hydrant Slide	.10
100-21	Hydrant Nozzle	1.10
100-22	Nozzle Locknut	.10

Plate No.		Prices
100-24	Valve Body, Packed	$2.60
100-25	Valve Stem, Bottom Connection Tail Nut and Tail	7.80
100-26	Old Style Bottom Connection	*
100-27	Shoe Clamp	*
100-28	Shoe	*
100-30	Self-Closing Hydrant Top	1.70
100-31	Self-Closing Hydrant Spring	2.70
100-32	Stirrup and Tee	3.00
100-33	Self-Closing Hydrant Lever	2.00
100-34	Self-Closing Hydrant Stock	3.90
100-51	Sewer Drained Bottom Connection	5.00
100-56	Self-Closing Lever Bolt	.10

*Parts Nos. 100-26, 27, 28 are obsolete and superseded by One-Piece Bottom Connection, Plate No. 100-16.

"Murdock's" SINCE 1853

PARTS LIST

"Genuine" Murdock Street Washer

¾-inch Size

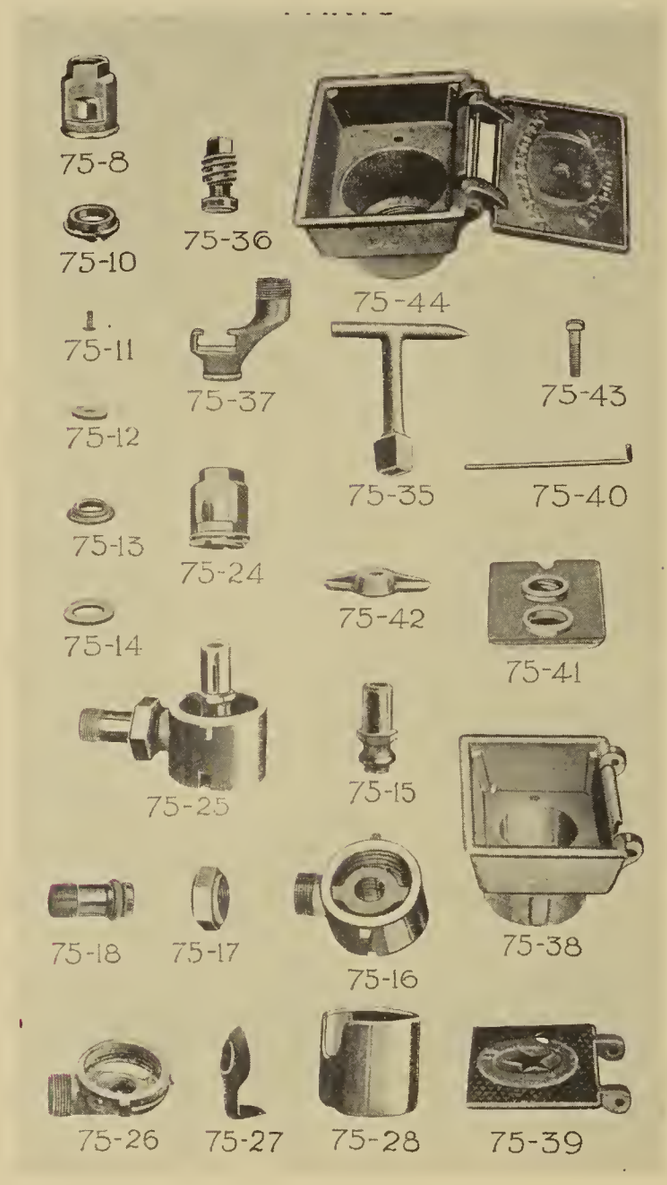


Plate No.		Prices	Plate No.		Prices
75-8	Valve Body Only	$1.20	75-26	Old Style Bottom Connection	*
75-10	Valve Packing Ring	.30	75-27	Shoe Clamp	*
75-11	Seat Washer Screw	.05	75-28	Shoe	*
75-12	Seat Washer	.05	75-35	Street Washer Key	$0.40
75-13	Cup Washer	.10	75-36	Street Washer Screw	.90
75-14	Ring Washer	.05	75-37	Street Washer Stirrup	1.20
75-15	Valve Stem	.70	75-38	Street Washer Box	2.30
75-16	Bottom Connection, New Style	2.90	75-39	Street Washer Lid	.80
75-17	Tail Nut	.50	75-40	Street Washer Hinge Pin	.20
75-18	Tail	.70	75-41	Street Washer Plate	.60
75-24	Valve Body, Packed	1.60	75-42	Street Washer Latch	.10
75-25	Valve Stem, Bottom Connection, Tail Nut and Tail	4.80	75-43	Street Washer Bolt	.10
			75-44	Street Washer Box and Lid	2.90

*Parts Nos. 75-26, 27, 28 are obsolete and superseded by One-Piece Bottom Connection, Plate No. 75-16.

PARTS LIST

"Genuine" Murdock Street Washer

1-inch Size

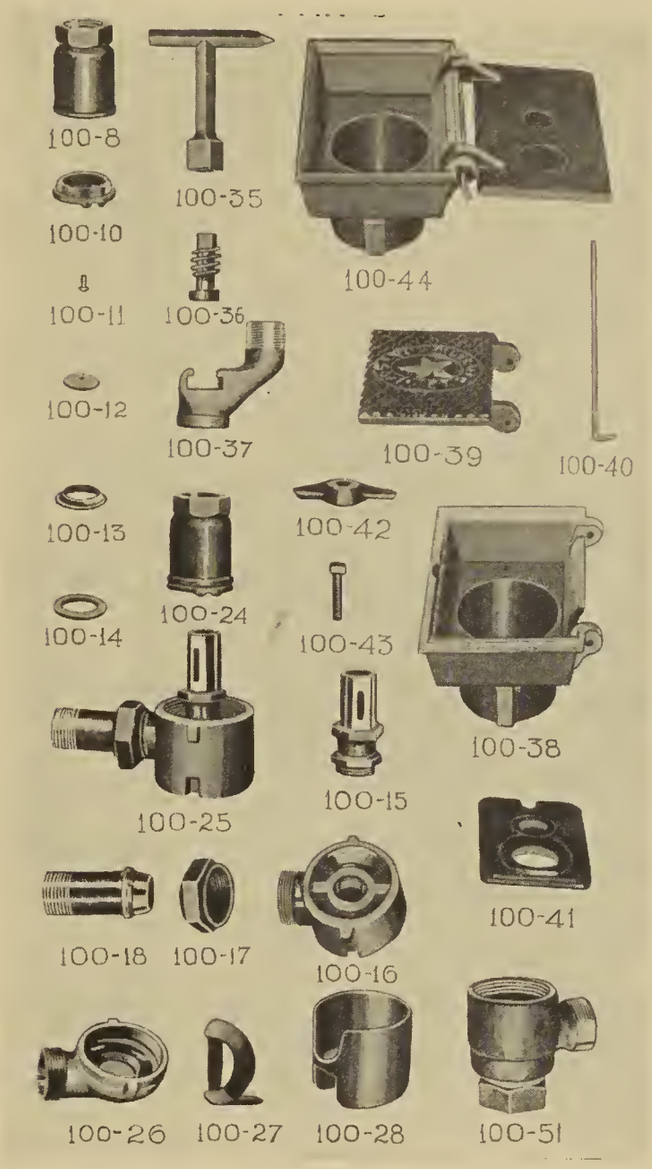


Plate No.		Prices
100-8	Valve Body Only	$1.50
100-10	Valve Packing Ring	.40
100-11	Seat Washer Screw	.05
100-12	Seat Washer	.05
100-13	Cup Washer	.10
100-14	Ring Washer	.05
100-15	Valve Stem	1.20
100-16	Bottom Connection, New Style	4.00
100-17	Tail Nut	.50
100-18	Tail	1.40
100-24	Valve Body Packed	2.10
100-25	Valve Stem, Bottom Connection, Tail Nut and Tail	7.80
100-26	Old Style Bottom Connection	*

Plate No.		Prices
100-27	Shoe Clamp	*
100-28	Shoe	*
100-35	Street Washer Key	$0.40
100-36	Street Washer Screw	.90
100-37	Street Washer Stirrup	1.90
100-38	Street Washer Box	3.20
100-39	Street Washer Lid	1.70
100-40	Street Washer Hinge Pin	.20
100-41	Street Washer Plate	.80
100-42	Street Washer Latch	.10
100-43	Street Washer Bolt	.10
100-44	Street Washer Box and Lid	4.70
100-51	Sewer Drained Bottom Connection	5.00

*Parts Nos. 100-26, 27, 28 are obsolete and superseded by One-Piece Bottom Connection Plate No. 100-16.

"Murdock's" SINCE 1853

PARTS LIST

"Genuine" Murdock Street Washer

Extra Large 1½-inch Size

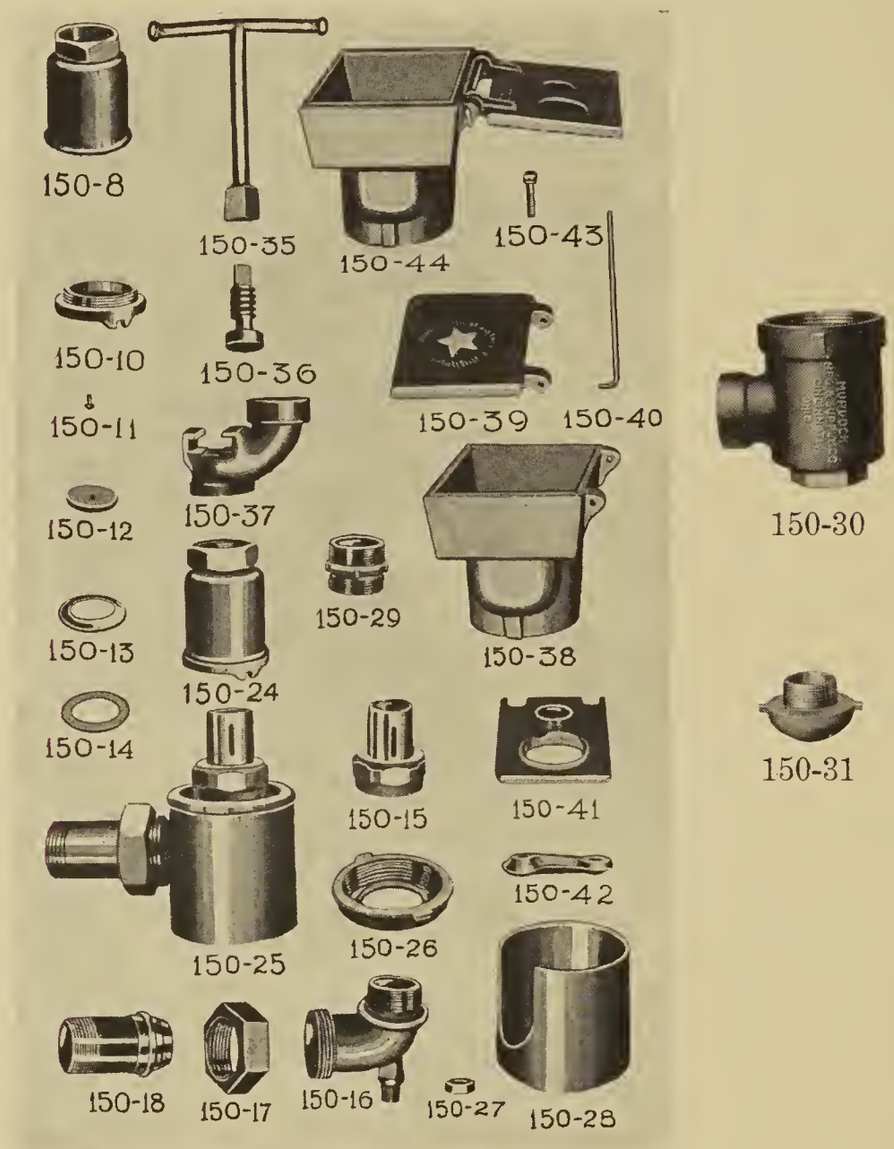


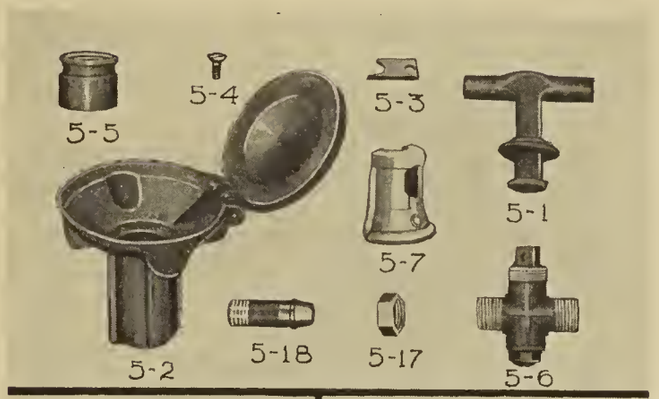
Plate No.		Prices
150-8	Valve Body Only	$3.40
150-10	Valve Packing Ring	1.00
150-11	Seat Washer Screw	.05
150-12	Seat Washer	.30
150-13	Cup Washer	.60
150-14	Ring Washer	.30
150-15	Valve Stem	2.30
150-16	Bottom Connection Ell	*
150-17	Tail Nut	*
150-18	Tail	*
150-24	Valve Body, Packed	5.70
150-25	Valve Stem, Bottom Connection Ring, Bottom Connection Ell, Shoe, ⅜" Locknut, Tail Nut and Tail	*
150-26	Bottom Connection Ring	*

Plate No.		Prices
150-27	⅜" Locknut for Bottom Connection	*
150-28	Shoe	*
150-29	Reducers for 1¼", 1½" or 2" Hose	$1.60
150-30	Bottom Connection, New Style	10.00
150-31	Ground Drain Attachment	1.50
150-35	Street Washer Key	1.80
150-36	Street Washer Screw	1.40
150-37	Street Washer Stirrup	4.40
150-38	Street Washer Box	5.80
150-39	Street Washer Lid	2.20
150-40	Street Washer Hinge Pin	.20
150-41	Street Washer Plate	1.20
150-42	Street Washer Latch	.20
150-43	Street Washer Bolt	.10
150-44	Street Washer Box and Lid	7.40

*Parts Nos. 150-16, 17, 18, 25, 26, 27, 28 are obsolete and superseded by One-Piece Bottom Connection and Ground Drain Attachment, Plates Nos. 150-30, 31.

PARTS LIST

"Genuine" Murdock Stop and Waste Box



Ricketts Pattern Stop and Waste Box	Murdock Improved Ricketts Pattern Stop and Waste Box

PARTS

Plate No.		Prices
5-1	Key, Check Cap and Ring	$1.70
5-2	Box and Lid	2.30
5-3	Clamp	.10
5-4	Clamp Screw	.05
5-5	Waste Coupling	.50
5-6	Cock	5.10
5-7	Shoe	.40
5-17	Tail Nut	.30
5-18	Tail	1.70

Ricketts Pattern Stop and Waste Box	Murdock Improved Ricketts Pattern Stop and Waste Box

PARTS

Plate No.		Prices
5-8	Top	$0.40
5-9	Check Screw	.05
5-10	Cock	4.30
5-11	Shoe	.50

Plate No.		Prices
5-8	Tap	$0.40
5-9	Check Screw	.05
5-12	Cock	5.60
5-13	Base	.50
5-17	Tail Nut	.30
5-18	Tail	1.30

"Murdock's" SINCE 1853

PARTS LIST

Murdock Outdoor Bubble Font

Patented

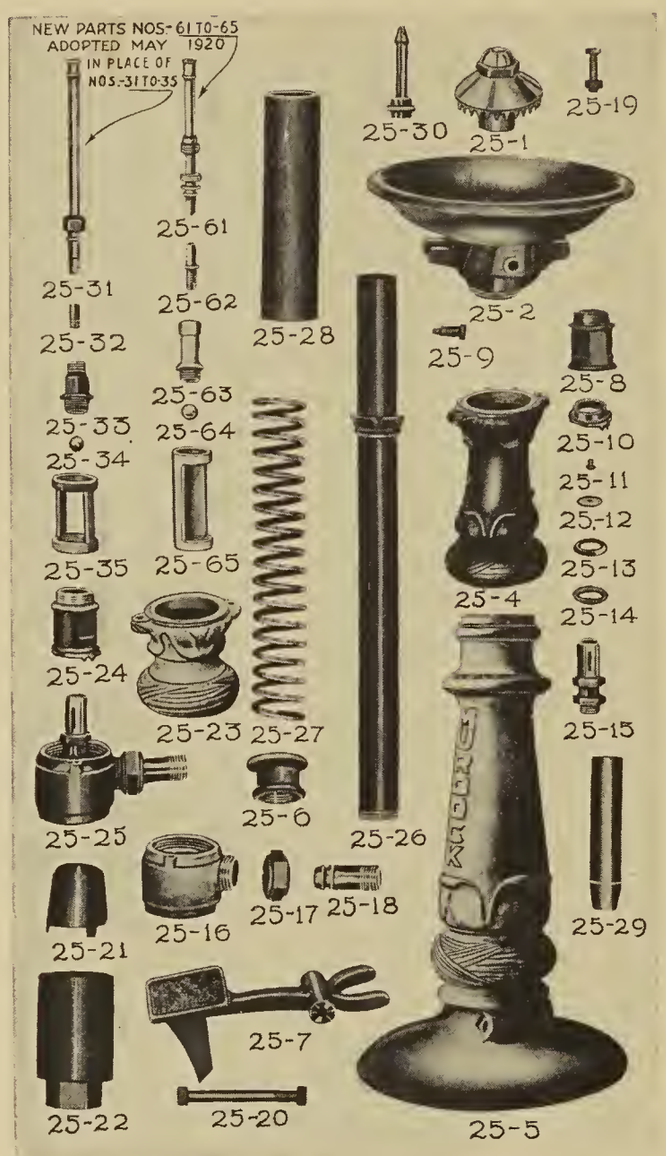


Plate No.		Prices
25-1	Bubbler, Hood, Spiked Ring, and Nozzle. If Vertical Bubble Nozzle, please mention	$8.00
25-2	Bowl and Yoke	21.80
25-4	Long Top (for 34″ font)	5.60
25-5	Base	25.50
25-6	Pedal Spool	1.10
25-7	Pedal	4.80
25-8	Valve Body Only	1.50
25-9	Pinch Screw	.40
25-10	Valve Packing Ring	.30
25-11	Seat Washer Screw	.05
25-12	Seat Washer	.20
25-13	Cup Washer	.10
25-14	Ring Washer	.05
25-15	Valve Stem	.90
25-16	Bottom Connection	4.10
25-17	Tail Nut	.50
25-18	Tail	.70
25-19	Top Bolt	.10

Plate No.		Prices
25-20	Pedal Bolt	$0.20
25-21	Trap Bell	.90
25-22	Trap Body and Tube	4.00
25-23	Short Top (for 30″ font)	3.80
25-24	Valve Body, Packed	2.20
25-25	Valve Stem, Bottom, Connection, Tail Nut and Tail	6.30
25-26	Upper Waste Tube with Spring Support	6.20
25-27	Spring	4.30
25-28	Spring Case and Guide	3.00
25-29	1¼″ Waste Tube	.70
25-30	Nozzle Center Piece	1.00
25-31 or 25-61	⅛″ Supply Tube with Key, Stuffing Nut, Gland and ½″ Coupling	1.90
25-32 or 25-62	Regulator	.80
25-33 or 25-63	Valve Bonnet	1.40
25-34 or 25-64	Check Ball	.90
25-35 or 25-65	Cage	1.70

Murdock "Lily White" Bubble Font

Patented

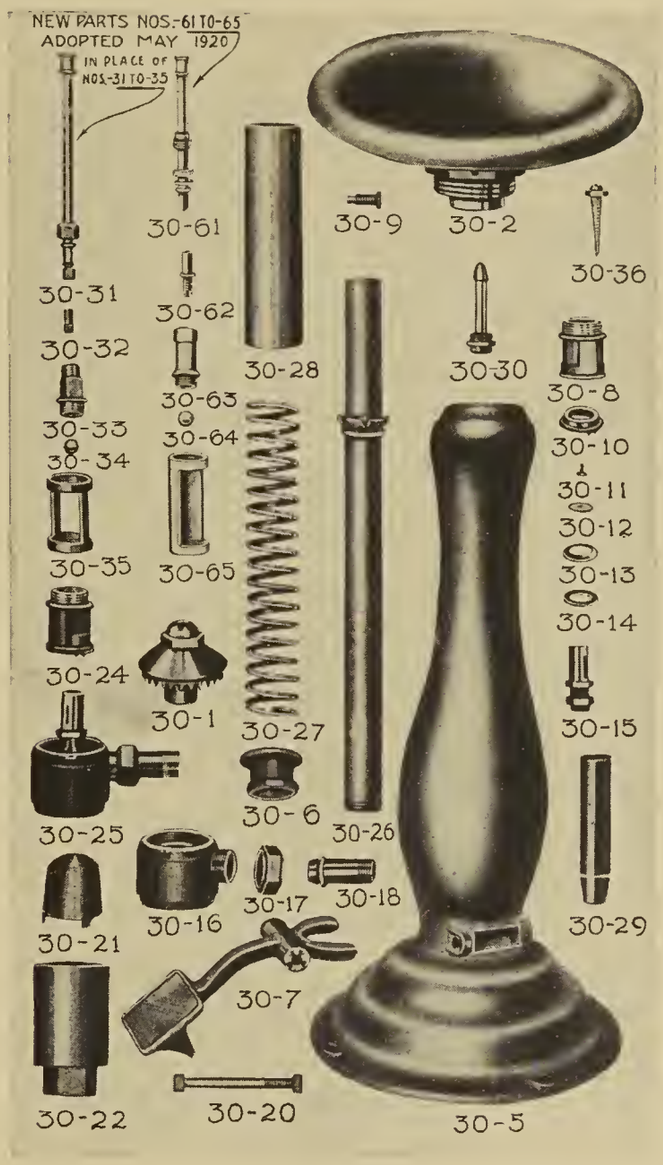


Plate No.		Prices
30-1	Bubbler Hood, Spiked Ring and Nozzle. If Vertical Bubble Nozzle, please mention	$8.00
30-2	Bowl and Yoke	28.00
30-5	Base	54.30
30-6	Pedal Spool	1.10
30-7	Pedal	6.10
30-8	Valve Body Only	1.50
30-9	Pinch Screw	.40
30-10	Valve Packing Ring	.30
30-11	Seat Washer Screw	.05
30-12	Seat Washer	.20
30-13	Cup Washer	.10
30-14	Ring Washer	.05
30-15	Valve Stem	.90
30-16	Bottom Connection	4.10
30-17	Tail Nut	.50
30-18	Tail	.70
30-20	Pedal Bolt	.30

Plate No.		Prices
30-21	Trap Bell	$0.90
30-22	Trap Body and Tube	4.00
30-24	Valve Body, Packed	2.20
30-25	Valve Stem, Bottom Connection, Tail Nut and Tail	6.30
30-26	Upper Waste Tube with Spring Support	6.20
30-27	Spring	4.30
30-28	Spring Case and Guide	3.00
30-29	1¼" Waste Tube	.70
30-30	Nozzle Center Piece	1.00
30-31 or 30-61	⅛" Supply Tube with Key, Stuffing Nut, Gland and ½" Coupling	1.90
30-32 or 30-62	Regulator	.80
30-33 or 30-63	Valve Bonnet	1.40
30-34 or 30-64	Check Ball	.90
30-35 or 30-65	Cage	1.70
30-36	Acorn Lag Screw	1.20

Murdock "Sandow" Pedestal Fountains

Plate No.		Prices
40-1	Bubbler Head, Spiked Ring and Nozzle. If Vertical Bubble Nozzle, please mention	$5.80
40-2	Bronze Bowl	18.00
40-3	3/8" "Sampson" Self-Closing Cock	5.20
40-4	Base for Constant Flow or Self-Closing Fountain	12.40
40-5	Base for Pedal Acting Fountain	13.60
40-6	Lifting Spool	1.10
40-7	Pedal	6.20
40-8	Valve Body Only	1.80
40-9	Iron Spring Support	.20
40-10	Valve Packing Ring	.30
40-11	Seat Washer Screw	.05
40-12	Seat Washer	.05
40-13	Cup Washer	.10
40-14	Ring Washer	.05

Plate No.		Prices
40-20	Pedal Bolt	$0.20
40-21	Brass Collar	.40
40-22	Waste Elbow — 2 x 1"	1.00
40-24	Valve Body Packed	2.20
40-25	Bottom Connection, with Stem	6.30
40-26	Upper Telescope Drain Tube	.70
40-27	Spring for Pedal Acting Font	1.70
40-28	Spring Case and Guide	2.40
40-29	Regulator Valve Body	.50
40-30	Nozzle Center Piece	.60
40-31	Top Supply Pipe with Coupling	1.50
40-32	Regulator Valve	1.20
40-33	Regulator Bonnet	1.10
40-34	Packing Gland	.20
40-35	Cage	1.90
40-36	Acorn Lag Screw	1.20
40-37	Stuffing Nut	.50

"Murdock's" SINCE 1853

"Simp-San" Bubbler
"Hercules" Wall Fountain

"Sampson" Self-Closing Cock
Special Lavatory Fitting

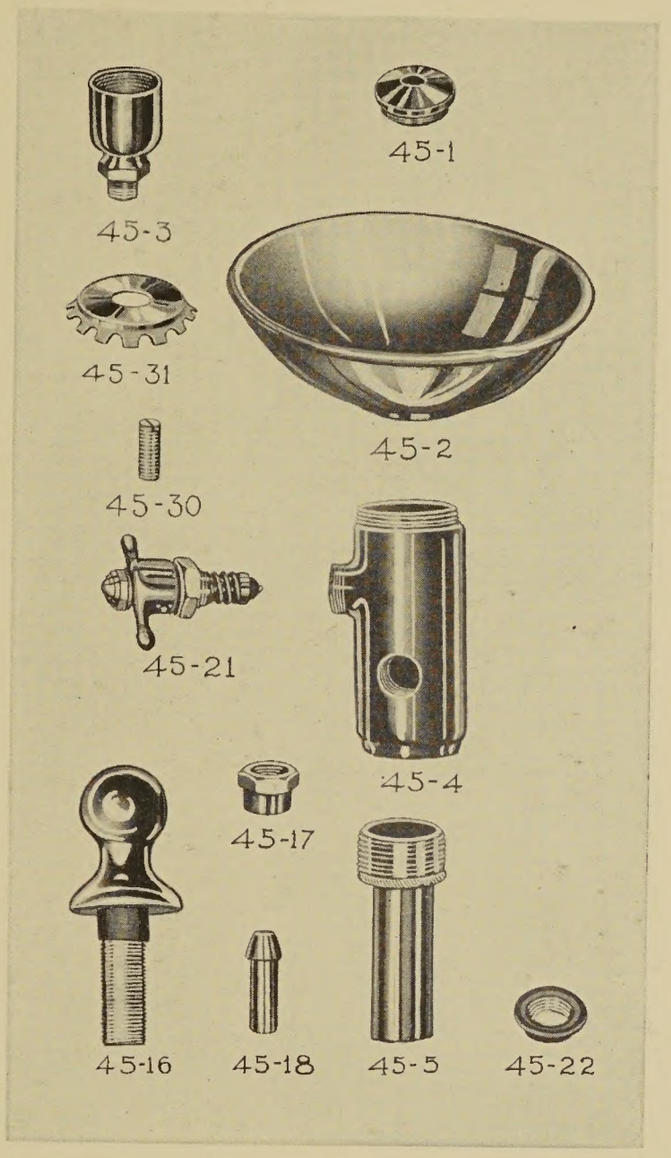


Plate No.		Prices
45-1	Simp-San Cap	$0.90
45-2	Hercules Fountain Bowl	5.10
45-3	Simp-San Cup	1.90
45-4	Hercules Fountain Body	5.00
45-5	Slip Connection for 1¼" Trap	1.50
45-16	Special Lavatory Fitting Body	3.00
45-17	Tail Nut for Special Lavatory Fitting	.30

Plate No.		Prices
45-18	Tail for Special Lavatory Fitting	$0.60
45-21	Self-Closing Cock Rigging	8.50
45-22	Locknut for Special Lavatory Fitting	.30
45-30	Regulator Valve Stem	.80
45-31	Strainer	1.00

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